



IN THE CLAIMS

Please amend the claims as indicated below. A redlined version of the amended paragraphs is attached to this response as Appendix A.

1. (Amended) A method for communicating messages to a mobile station by a wireless communication system providing access to a decentralized data network, the method comprising the steps of:

providing a a set of overhead messages in an overhead message capsule;

providing a signature corresponding to the set of overhead messages, the signature provided in a signature capsule;

modifying the set of overhead messages in the overhead message capsule; and

changing the signature in response to modifying the set of overhead messages.

24. (Once Amended) The method of claim 1, further comprising:

receiving at the mobile station the respective signature for each respective message, wherein the respective signature for each respective message was transmitted by the wireless communication system;

listening at the mobile station for a respective message whose respective signature does not match a corresponding signature from the at least one signature, wherein listening is done only until the respective message is received;

wherein the respective message was transmitted by the wireless communication system;

sleeping at the mobile station after the respective message is received; and

waking up at the mobile station after sleeping for 5.2 seconds.

Please cancel claims 39, 40, and 41.

Please add the following new claims:

125. (New) The method of claim 1, wherein the set of overhead messages

includes at least one overhead message, and

wherein providing the signature comprises providing the signature as a function of the at least one overhead message.

126. (New) A method for communicating messages to a mobile station by a base station, the method comprising the steps of:

providing a set of overhead messages in an overhead message capsule;

providing a signature corresponding to the set of overhead messages, the signature provided in a signature capsule; and

changing the signature in response to modifying the set of overhead messages.

127. (New) The method of claim 126 wherein the set of overhead messages includes at least one overhead message, and

wherein providing the signature comprises providing the signature as a function of the at least one overhead message.

128. (New) A method for communicating messages in a wireless communication system, the method comprising the steps of:

providing a set of overhead messages in an overhead message capsule; and

providing an overhead message indicator corresponding to the set of overhead messages, the overhead message indicator provided in a capsule; and

changing the overhead message indicator in response to modifying the set of overhead messages.

129. (New) A base station apparatus for communicating messages, the base station comprising:

means for providing a set of overhead messages in an overhead message capsule;

means for providing a signature corresponding to the set of overhead messages, the signature provided in a signature capsule;

means for modifying the set of overhead messages in the overhead message capsule; and

means for changing the signature in response to modifying the set of overhead messages.

130. (New) A base station apparatus for communicating messages to a mobile station, the base station comprising:

means for providing a set of overhead messages in an overhead message capsule; and

means for providing an overhead message indicator corresponding to the set of overhead messages, the overhead message indicator provided in a capsule; and

means for changing the overhead message indicator in response to modifying the set of overhead messages.

131. (New) A mobile station apparatus for receiving messages from a base station, the remote station apparatus comprising:
means for receiving a set of overhead messages in an overhead message capsule;
means for generating a signature corresponding to the set of overhead messages;
means for comparing the signature with at least one previously stored signature.

132. (New) A mobile station apparatus for receiving messages from a base station, the remote station apparatus comprising:
means for receiving a set of overhead messages in an overhead message capsule;
means for generating a overhead message indicator corresponding to the set of overhead messages;
means for comparing the overhead message indicator with at least one previously stored overhead message indicator.